

? show files;ds  
File 347:JAPIO Oct 1976-2003/Oct (Updated 040202)  
    (c) 2004 JPO & JAPIO  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200415  
    (c) 2004 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
    (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	20085	(ONLINE OR ON()LINE OR VIRTUAL OR ELECTRONIC OR DIGITAL OR E OR MACHINE()READABLE OR COMPUTERI? OR INTERNET OR WEB OR WORLDWIDEWEB OR WEB OR WIDEWEB )() (DOCUMENT? ? OR PAGE? ? OR SITE? ? OR FILE? ? OR TEXT? ?)
S2	6858	WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR EDOCUMENT? ? OR EFILE? ? OR ETEXT? ?
S3	3019861	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR NUMEROUS OR MANY OR MYRIAD OR NUMBER
S4	131402	VERSIONS OR EDITIONS OR ITERATIONS OR RELEASES OR REVISIONS OR VARIANTS OR VARIATIONS
S5	149052	(TIME OR MINUTE? ? OR DAY? ? OR HOUR? ? OR DATE? ?) (3N) (STAMP? ? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR SIGNAL??? OR MARKER? ? OR IMPRINT??? OR CIPHER? ? OR LABEL??? OR IDENTIF??? OR CODING? ?) OR TIMESTAMP? ?
S6	144	(PERSISTENT OR PERMANENT OR DURABLE OR LAST??? OR CONSTANT OR PERPETUAL OR ENDURING OR PERSEVER?) () (URL OR UNIFORM()RESOURCE OR DNS OR DOMAIN()NAME()SERVER OR WEB()ADDRESS) OR PURL - OR PDNS
S7	25819	S1 OR S2
S8	4080	S3(5N)S4
S9	12	S7(10N)S8
S10	1	S5(10N)S9
S11	0	S6(S)S10
S12	23	S7 AND S8
S13	3	S9 AND (S5 OR S6)
S14	5431	S3(10N)S4
S15	26	S7 AND S14
S16	3	S15 AND (S5 OR S6)
S17	101	S14 AND (S5 OR S6)
S18	38	S14(S) (S5 OR S6)
S19	305126	IC=(G06F-007? OR G06F-017?)
S20	4	S18 AND S19
S21	6	S16 OR S20
S22	6	IDPAT (sorted in duplicate/non-duplicate order)
S23	6	IDPAT (primary/non-duplicate records only)

23/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013585417 \*\*Image available\*\*

WPI Acc No: 2001-069624/200108

XRPX Acc No: N01-052591

Database management system for aging versions of data records in a main memory database has time stamping controller

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: BOHANNON P L; LEINBAUGH D W; RASTOGI R; SESHAHARI S; SILBERSCHATZ A; SUDARSHAN S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6125371	A	20000926	US 97914744	A	19970819	200108 B

Priority Applications (No Type Date): US 97914744 A 19970819

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6125371 A 10 G06F-017/30

Abstract (Basic):

... system for use with a database, which is in stored memory (125) has assigning a \*time\* \*stamp\* to transactions to be performed (140), creates multiple version of the data records affected by the update transactions, monitoring a measurable characteristic of memory and deletes prior ones of the \*multiple\* data record \*versions\* in response to the \*time\* \*stamp\*.

International Patent Class (Main): \*G06F-017/30\*

23/3,K/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013196212 \*\*Image available\*\*

WPI Acc No: 2000-368085/200032

XRPX Acc No: N00-275525

Method for providing \*electronic\* \*document\* having \*multiple\* \*versions\* each of which is fitted with \*time\* \*stamp\* by receiving request for one of versions of \*electronic\* \*document\* that may include relative \*time\* \*stamp\*

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: ONG P

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1006466	A2	20000607	EP 99309331	A	19991123	200032 B
JP 2000194642	A	20000714	JP 99341723	A	19991201	200039
US 20020156800	A1	20021024	US 98201750	A	19981201	200273
			US 200299121	A	20020315	

Priority Applications (No Type Date): US 98201750 A 19981201; US 200299121 A 20020315

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1006466 A2 E 12 G06F-017/30

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2000194642 A 10 G06F-013/00

**Method for providing \*electronic\* \*document\* having \*multiple\* \*versions\* each of which is fitted with \*time\* \*stamp\* by receiving request for one of versions of \*electronic\* \*document\* that may include relative \*time\* \*stamp\***

**Abstract (Basic):**

... The method involves receiving a request for one of versions of an \*electronic\* \*document\*. The request may include a relative \*time\* \*stamp\* for \*indicating\* a \*time\* offset from a given time. The version of the \*electronic\* \*document\* is transmitted, which corresponds to the relative \*time\* \*stamp\*.

... International Patent Class (Main): \*G06F-017/30\*

23/3, K/4 (Item 4 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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013196209 \*\*Image available\*\*  
 WPI Acc No: 2000-368082/200032  
 XRPX Acc No: N00-275522

**Method for providing \*electronic\* \*document\* for ensuring persistent access to Internet resources by transmitting version of such document stored time-wise in vicinity of \*time\*-\*stamp\* when version does not exist with requested \*time\*-\*stamp\***

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: ONG P

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1006463	A2	20000607	EP 99309316	A	19991123	200032 B
JP 2000194644	A	20000714	JP 99341725	A	19991201	200039

Priority Applications (No Type Date): US 98201751 A 19981201

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1006463 A2 E 12 G06F-017/30

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
 LI LT LU LV MC MK NL PT RO SE SI

JP 2000194644 A 11 G06F-013/00

**Method for providing \*electronic\* \*document\* for ensuring persistent access to Internet resources by transmitting version of such document stored time-wise in vicinity of \*time\*-\*stamp\* when version does not exist with requested \*time\*-\*stamp\***

**Abstract (Basic):**

... The method involves receiving a request for one of versions of the \*electronic\* \*document\*. The request includes an \*indication\* of the \*time\*-\*stamp\*. A version of the \*electronic\* \*document\* stored time-wise in the vicinity of the requested \*time\*-\*stamp\* is transmitted when a version of the \*electronic\* \*document\* does not exist with the requested \*time\*-\*stamp\*.

... a) a system for storing an \*electronic\* \*document\* having \*multiple\* \*versions\*  
 (...)

... b) an article of manufacture for accessing an \*electronic\* \*document\*

comprising a computer readable medium having computer readable program code stored on it

23/3,K/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013196208 \*\*Image available\*\*

WPI Acc No: 2000-368081/200032

XRPX Acc No: N00-275521

**Method for persistent storage of \*electronic\* \*document\* by modifying requested version of \*electronic\* \*document\* to update embedded to incorporate \*time\*-\*stamp\* of requested version of \*electronic\* \*document\* and transmitting it to client**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: ONG P

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1006462	A2	20000607	EP 99309298	A	19991123	200032 B
JP 2000194643	A	20000714	JP 99341724	A	19991201	200039

Priority Applications (No Type Date): US 98201752 A 19981201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1006462	A2	E	12	G06F-017/30	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI  
JP 2000194643 A 10 G06F-013/00

**Method for persistent storage of \*electronic\* \*document\* by modifying requested version of \*electronic\* \*document\* to update embedded to incorporate \*time\*-\*stamp\* of requested version of \*electronic\* \*document\* and transmitting it to client**

Abstract (Basic):

... A request may be received for one of the versions of the \*electronic\* \*document\*. The request includes a \*time\*-\*stamp\*. The requested version of the \*electronic\* \*document\* is modified to update embedded hyperlinks in the requested version of the \*electronic\* \*document\* to incorporate the \*time\*-\*stamp\* of the requested version of the \*electronic\* \*document\*. The requested \*electronic\* \*document\* is transmitted to a client.

... a) a system for storing an \*electronic\* \*document\* having \*multiple\* \*versions\*  
(...)

...b) an article of manufacture for accessing an \*electronic\* \*document\* and comprising a computer readable medium including a computer readable program code...

...The \*time\* \*stamp\* can be specified in the URL in any suitable format.  
Allows a user to refer

23/3,K/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010836676 \*\*Image available\*\*

WPI Acc No: 1996-333629/199633  
Related WPI Acc No: 1999-254172  
XRPX Acc No: N96-281219

**Database object management partic. for handling \*multiple\* \*versions\* of database elements - partitioning versions into branches, and ordering linearly according to their \*time\*-\*stamps\*, and allocating unique \*identifier\*, \*time\*-\*stamp\*, branch name and value to each element version**

Patent Assignee: TEXAS INSTR INC (TEXI )

Inventor: WANG C C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5535386	A	19960709	US 90569360	A	19900817	199633 B
			US 9381483	A	19930622	
			US 95484619	A	19950607	

Priority Applications (No Type Date): US 90569360 A 19900817; US 9381483 A 19930622; US 95484619 A 19950607

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5535386	A	6		G06F-017/30	Cont of application US 90569360
					Cont of application US 9381483

**Database object management partic. for handling \*multiple\* \*versions\* of database elements...**

**...partitioning versions into branches, and ordering linearly according to their \*time\*-\*stamps\*, and allocating unique \*identifier\*, \*time\*-\*stamp\*, branch name and value to each element version**

**...Abstract (Basic):** The method of managing \*versions\* and configurations of a \*number\* of objects comprises providing a database which includes a number of data elements represented by four-tuples, the four-tuples comprising a unique identifier, a \*timestamp\*, a branch name, and a data value. A version graph is generated which represents relationships

International Patent Class (Main): \*G06F-017/30\*

23/AN,AZ,TI/1 (Item 1 from file: 350)  
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014096789

Programmable convolver to convolute first and second signals by multiplying the first signal by \*multiple\* \*time\*-shifted \*versions\* obtained from the second signal  
Local Applications (No Type Date): WO 2000IL827 A 20001210; AU 200118810 A 20001210; EP 2000981580 A 20001210; WO 2000IL827 A 20001210; WO 2000IL827 A 20001210; US 2002149470 A 20020606; CN 2000816921 A 20001210  
Priority Applications (No Type Date): IL 133451 A 19991210

23/AN,AZ,TI/2 (Item 2 from file: 350)  
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013585417

Database management system for aging versions of data records in a main memory database has time stamping controller  
Local Applications (No Type Date): US 97914744 A 19970819  
Priority Applications (No Type Date): US 97914744 A 19970819

23/AN,AZ,TI/3 (Item 3 from file: 350)  
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013196212

Method for providing \*electronic\* \*document\* having \*multiple\* \*versions\* each of which is fitted with \*time\* \*stamp\* by receiving request for one of versions of \*electronic\* \*document\* that may include relative \*time\* \*stamp\*  
Local Applications (No Type Date): EP 99309331 A 19991123; JP 99341723 A 19991201; US 98201750 A 19981201; US 200299121 A 20020315  
Priority Applications (No Type Date): US 98201750 A 19981201; US 200299121 A 20020315

23/AN,AZ,TI/4 (Item 4 from file: 350)  
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013196209

Method for providing \*electronic\* \*document\* for ensuring persistent access to Internet resources by transmitting version of such document stored time-wise in vicinity of \*time\*-stamp\* when version does not exist with requested \*time\*-stamp\*  
Local Applications (No Type Date): EP 99309316 A 19991123; JP 99341725 A 19991201  
Priority Applications (No Type Date): US 98201751 A 19981201

23/AN,AZ,TI/5 (Item 5 from file: 350)  
DIALOG(R) File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013196208

Method for persistent storage of \*electronic\* \*document\* by modifying requested version of \*electronic\* \*document\* to update embedded to incorporate \*time\*-stamp\* of requested version of \*electronic\* \*document\* and transmitting it to client  
Local Applications (No Type Date): EP 99309298 A 19991123; JP 99341724 A 19991201

Priority Applications (No Type Date): US 98201752 A 19981201

23/AN,AZ, TI/6 (Item 6 from file: 350)  
DIALOG(R) File 350: (c) 2004 Thomson Derwent. All rts. reserv.

010836676

Database object management partic. for handling \*multiple\* \*versions\* of database elements - partitioning versions into branches, and ordering linearly according to their \*time\*-\*stamps\*, and allocating unique \*identifier\*, \*time\*-\*stamp\*, branch name and value to each element version

Local Applications (No Type Date): US 90569360 A 19900817; US 9381483 A 19930622; US 95484619 A 19950607

Priority Applications (No Type Date): US 90569360 A 19900817; US 9381483 A 19930622; US 95484619 A 19950607

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File 348:EUROPEAN PATENTS 1978-2004/Feb W04  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040226,UT=20040219  
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	32671	(ONLINE OR ON()LINE OR VIRTUAL OR ELECTRONIC OR DIGITAL OR E OR MACHINE()READABLE OR COMPUTERI? OR INTERNET OR WEB OR WO-RLDWIDEWEB OR WEB OR WIDEWEB )() (DOCUMENT? ? OR PAGE? ? OR SITE? ? OR FILE? ? OR TEXT? ?)
S2	9570	WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR EDOCUMENT? ? OR EFILE? ? OR ETEXT? ?
S3	1238981	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR NUMEROUS OR MANY OR MYRIAD OR NUMBER
S4	413417	VERSIONS OR EDITIONS OR ITERATIONS OR RELEASES OR REVISIONS OR VARIANTS OR VARIATIONS
S5	151522	(TIME OR MINUTE? ? OR DAY? ? OR HOUR? ? OR DATE? ?) (3N) (STAMP? ? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR SIGNAL??? OR MARKER? ? OR IMPRINT??? OR CIPHER? ? OR LABEL??? OR IDENTIF??? OR CODING? ?) OR TIMESTAMP? ?
S6	1273	(PERSISTENT OR PERMANENT OR DURABLE OR LAST??? OR CONSTANT OR PERPETUAL OR ENDURING OR PERSEVER?) () (URL OR UNIFORM()RESOURCE OR DNS OR DOMAIN()NAME()SERVER OR WEB()ADDRESS) OR PURL - OR PDNS
S7	36683	S1 OR S2
S8	108477	S3(5N)S4
S9	116	S7(10N)S8
S10	1	S5(10N)S9
S11	0	S6(S)S10
S12	117106	S3(10N)S4
S13	7614	S7 AND S12
S14	3220	S13 AND (S5 OR S6)
S15	142	S7(10N)S12
S16	9	S15(S) (S5 OR S6)
S17	45815	IC=(G06F-007? OR G06F-017?)
S18	845	S14 AND S17
S19	715	S13(S) (S5 OR S6)
S20	192	S17 AND S19
S21	65	S15 AND (S5 OR S6)
S22	32	S17 AND S21
S23	36	S16 OR S22
S24	36	IDPAT (sorted in duplicate/non-duplicate order)
S25	36	IDPAT (primary/non-duplicate records only)

25/3,K/1 (Item 1 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01541477

Meta-document management system with user definable personalities

System zum Verwalten von Meta-Dokumenten mit benutzerdefinierbaren  
Personlichkeiten

Système de gestion de Meta-documents avec personnalités définissables par  
l'utilisateur

PATENT ASSIGNEE:

Xerox Corporation, (219004), Patent Department, Xerox Square - 20 A, 100  
Clinton Avenue South, Rochester, New York 14644, (US), (Applicant  
designated States: all)

INVENTOR:

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Grefenstette, Gregory T., 25, rue de la Liberation, 38610 Gieres, (FR)  
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Hubert, Laurence, Le Guillot, 38660 St Bernard du Touvet, (FR)  
Guerin, Nicolas, 15, Boulevard du Marechal Leclerc, 38000 Grenoble, (FR)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1284461 A1 030219 (Basic)

APPLICATION (CC, No, Date): EP 2002018111 020813;

PRIORITY (CC, No, Date): US 311857 P 010813; US 683236 011205

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: \*G06F-017/30\*

ABSTRACT WORD COUNT: 113

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200308	948
SPEC A	(English)	200308	40481
Total word count - document A			41429
Total word count - document B			0
Total word count - documents A + B			41429

INTERNATIONAL PATENT CLASS: \*G06F-017/30\*

...SPECIFICATION owner of the mobile computing device 506.

Further variants of this embodiment include adding a \*timestamp\* along with the specific GPS/GSM location and personality so that time-dependent information is...that identifies how many times the user has accessed the document; a last visit column that \*identifies\* the \*date\* (and \*time\*) the document was last visited; and an action list that identifies an ordered list of...concurrent or in parallel with the subsequent action 5024 of waiting a predefined period of \*time\* for a \*signal\* that the entity database has been updated.

After the spawned thread in update module 4972...

...information space has been modified at 5010 is repeated.

After waiting the predetermined period of \*time\* for a \*signal\* that the entity database has been updated at 5024, errors in the text object (i.\*e\*., \*document\* content 4203) are identified and corrected at 5026. Subsequently, the \*number\* of \*iterations\* performed is incremented at 5028. At 5030, if the difference between the number of errors...

...evaluation at 5002 terminating the thread); otherwise, the act of waiting a predefined period of \*time\* for a \*signal\* that the entity database has been updated at 5024 is repeated.

Figure 51 is a...

**25/3, K/3 (Item 3 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS

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01361862

Internet archive service providing persistent access to web resources  
Internetbasiert Archivierungsdienst mit Bereitstellung von dauerhaftem

Zugriff auf Netzressourcen

Service d'archivage sur Internet permettant l'accès aux ressources web  
PATENT ASSIGNEE:

Lucent Technologies Inc., (2143720), 600 Mountain Avenue, Murray Hill,  
New Jersey 07974-0636, (US), (Applicant designated States: all)

INVENTOR:

Ong, Ping-Wen, 430 Laurel Avenue, Middletown, NJ 07748, (US)

LEGAL REPRESENTATIVE:

Buckley, Christopher Simon Thirsk et al (28912), Lucent Technologies (UK)  
Ltd, 5 Mornington Road, Woodford Green, Essex IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 1160692 A2 011205 (Basic)

EP 1160692 A3 030402

APPLICATION (CC, No, Date): EP 2001304491 010522;

PRIORITY (CC, No, Date): US 580149 000530

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: \*G06F-017/30\*

ABSTRACT WORD COUNT: 168

NOTE:

Figure number on first page: 3

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200149	624
SPEC A	(English)	200149	5315
Total word count - document A			5939
Total word count - document B			0
Total word count - documents A + B			5939

INTERNATIONAL PATENT CLASS: \*G06F-017/30\*

...ABSTRACT The present invention provides persistent Web access, without requiring all web servers to directly handle \*time\*-\*stamps\* in a URL. A user enters a dated URL, for example, using a web browser, which is transmitted to a web server. The Web server receives the URL (containing a \*time\* \*stamp\*, a relative \*time\*-\*stamp\* or a variable \*time\*-\*stamp\*), and retrieves the correct Web page(s) from its own archive, or redirects the user...

...has been archived. The Web server interprets the extracted URL in accordance with the selected \*time\* \*stamp\* format. The present invention ensures that a time-stamped reference to any Web resource refers...

...SPECIFICATION 1, 1998, entitled "A Method And Apparatus For Persistent Access to Web Resources Using Relative \*Time\*-\*Stamps\*," United States Patent Application Serial No. 09/201,751, filed December 1, 1998, entitled "A..."

...28, 1999, entitled "A Method And Apparatus For Persistent Access to Web Resources Using Variable \*Time\*-\*Stamps\*", each assigned to the assignee of the present invention and incorporated by reference herein.

Field...

...may ultimately replace traditional paper-based media altogether.

Paper-based media generally have an associated \*time\* \*stamp\*, and permit an easy determination of the information that was available at a given time...

...nonprofit computer library service and research organization, provides a software tool, referred to as OCLC \*PURL\* ("\*Persistent\* \*Uniform\* \*Resource\* Locator"), for managing Internet addresses and aliases for general Internet resources. A \*Persistent\* \*Uniform\* \*Resource\* Locator provides flexible naming and name resolution services for Internet resources to ensure reliable, long-term access to Internet resources with minimal maintenance. Generally, OCLC \*PURL\* assists Internet users in locating Web resources. As previously indicated, the Internet is constantly expanding...

...becomes burdensome.

While a URL points directly to the location of an Internet resource, a \*PURL\* points to an intermediate resolution service, which translates the \*PURL\* into the actual URL. Once a Web resource has been registered with the OCLC and assigned a \*PURL\*, the Web resource may be accessed by means of the \*PURL\*. A \*PURL\* assigns a persistent name to a resource even if the location of the resource changes...

...time without having to update the references each time the Web resource is moved. The \*PURL\* "forwarding" address maintained by OCLC, however, must be kept up-to-date. In other words...

...URL redirect techniques to create an Internet archive service to make the Internet persistent. The \*time\* \*stamp\* can be specified in the URL in any suitable format. The present invention allows the...

...The present invention provides persistent Web access, without requiring all web servers to directly handle \*time\*-\*stamps\* in a URL. Generally, a user enters a dated URL, for example, using a web...

...the specification of the desired date and time, or the user can manually append the \*time\* \*stamp\* to the URL indicated in the "Location" window of the browser. The Web server receives the URL (containing a \*time\* \*stamp\*, a relative \*time\*-\*stamp\* or a variable \*time\*-\*stamp\*), and retrieves the correct Web page(s) from its own archive, or redirects the user...

...Internet archive site. The Web server interprets the extracted URL in accordance with the selected \*time\* \*stamp\* format. The present invention ensures that a time-stamped reference to any Web ...invention, the Uniform Resource Locators ("URLs") that identify Web resources are augmented to include a \*time\* \*stamp\*. The Web browser 100 and persistent Web servers 140, 150 accommodate the additional \*time\* \*stamp\* parameter and allow a user to refer to any Web address with a precise target...

...the specification of the desired date and time, or the user can manually append the \*time\* \*stamp\* to the URL indicated in the "Location" window of the browser. The Web server 140 receives the URL (containing a \*time\* \*stamp\*, a relative \*time\*-\*stamp\* or a variable \*time\*-\*stamp\*), and

retrieves the correct Web page(s) from its own archive 145, or redirects the...

...the dated URL to retrieve the desired resource (or a link to the resource).

#### ILLUSTRATIVE \*TIME\* \*STAMP\* FORMATS

The \*time\* \*stamp\* can be included in the Uniform Resource Locator ("URL") in any suitable format, as would...

...represented as:

`http://www.lucent.com?time=2+2+1998.`

In a further variation, additional \*time\* granularity can be \*indicated\* by including the \*time\*-of-day in the URL. For example, the web page, `www.Lucent.com`, as it...

...the time zone is assumed to be the user's default time zone. The illustrative \*time\* \*stamp\* format described above is a Common Gateway Interface (CGI) search argument. Of course, the month...

...or other time units) can be expressed in any order. For a URL without a \*time\* \*stamp\*, the default value will be the most recent version.

In addition, relative \*time\* \*stamps\* can be utilized. For example, to refer to the web page, `www.Lucent.com`, as...

...as:

`http://www.lucent.com?time=yesterday.`

Furthermore, if an embedded hyperlink contains a relative \*time\* \*stamp\*, the relative \*time\* \*stamp\* is based on the current web page. Thus, if a current web page has a...

...the URL as

`http://www.lucent.com?rtime=1998(underscore)1(underscore)9.` Other relative \*time\* \*stamps\* can include \*time\* offsets from the time of the current web page, such as plus or minus a specified period of time. For example, "+10D" can \*indicate\* plus ten \*days\* to the time of the currently viewed web page.

In order to refer to the previous or subsequent archived version of a document (relative to the \*time\* \*stamp\* of the current document), the URL can be represented using the labels "next(underscore)archive...refer to one of these archives:

`doc.html?rtime=next(underscore)archive`

These relative archive \*time\* \*stamps\* make moving between different version of the same documents more efficient.

A time base parameter can be used to specify the reference date for the relative \*timestamp\*. For example,

`timbase=1998(underscore)6(underscore)11&*time*=+100D`

\*indicates\* the \*date\* that is 100 days after June 11, 1998. Similarly,

`timbase=1998(underscore)6(underscore)11&*time*=next(underscore)Monday`

\*indicates\* the \*date\* that is the Monday after June 11, 1998.

According to another feature of the present invention, wildcard

characters and date ranges in the \*time\* \*stamp\* can be used to implement a variable \*time\* \*stamp\* in a URL when a user is not sure of the date for a specific...

...manner, the server can display a list of the specific web resources that match the \*time\* \*stamp\* pattern. In the illustrative implementation, the following \*time\* \*stamp\* patterns are used:

The above \*time\* \*stamp\* patterns can be used in the time= or rtime= (relative \*time\* \*stamp\*) fields of the URL to specify, for example, an unknown year, month, day, hour, minute or second. For example,

Thus, the \*time\* \*stamp\* patterns can be used to request a list of resources having a matching \*time\* \*stamp\*. For example

When a server receives a URL request containing a variable \*time\* \*stamp\*, the server recognizes that the client is requesting a list of different versions of the...

...links of the matching resources in increasing day order, then in increasing year order.

Relative \*time\* \*stamps\* can be extended using the "\*" wildcard at the end of the time value. For example...

...9, 1999).

In an alternate implementation, referred to herein as the "request-header scheme," the \*time\* \*stamp\* can be \*indicated\* as one of the HTTP request headers, such as:

\*Time\*-\*Stamp\*: June 9, 1998.

In another embodiment, referred to herein as the "special character scheme," special characters can be utilized to indicate the inclusion of a \*time\* \*stamp\* in the URL, such as:

<http://www.cnnfn.com;time=2+2+1998&timezone=server...>

...fact, a conventional Web browser 100 can be utilized, with the user manually appending the \*time\* \*stamp\* to the URL indicated in the "Location" window of the browser 100.

In one implementation, the user has the option to turn the \*time\* \*stamp\* on or off. If the \*time\* \*stamp\* is activated, the browser 100 will change the URL accordingly before sending the URL out...

...130. Since there is no guarantee that the corresponding web server 140, 150 recognizes a \*time\* \*stamp\*, the document returned by the server 140, 150 might contain embedded hyperlinks that do not contain \*time\* \*stamps\*. Thus, in this situation, the web browser 100 can automatically convert the URL associated with an embedded hyperlink to add an appropriate \*time\* \*stamp\* when the user clicks on the hyperlink if the \*time\* \*stamp\* option is activated. The Web browser 100 should convert the URL in accordance with the selected \*time\* \*stamp\* format. In a request-header-scheme implementation, the browser 100 should be modified to send the special request header ("\*Time\*-\*Stamp\*: June 9, 1998"). In addition, the HTML should be modified to include a new \*time\* \*stamp\* tag for any embedded hyperlink with a specific \*time\* \*stamp\*. For example, for a hyperlink such as:

#### PERSISTENT WEB SERVERS

The persistent Web servers 140...

...persistent Web servers 140, 150 need to know how to (i) receive URLs containing a \*time\* \*stamp\* or relative \*time\*-\*stamp\*, (ii) extract the \*time\* \*stamp\*, (iii) retrieve the Web page corresponding to the appropriate \*time\*-\*stamp\*, and (iv) return the requested page to the client. The persistent Web servers 140, 150 should interpret the

extracted URL in accordance with the selected \*time\* \*stamp\* format.

If a version of the Web resource corresponding to the requested time does not...

...the previous archived version, and the version of the Web resource with the most recent \*time\*-\*stamp\* preceding the requested \*time\* is provided. Alternatively, the version of the Web resource with the next immediate \*time\*-\*stamp\* after the requested \*time\* is provided.

In addition, the persistent Web servers 140, 150 need to preserve all the...

...persistent, it should only have minimal impact. In one embodiment, if a request includes a \*time\* \*stamp\* that is not recognized by a Web server, the server should deliver the most recent...stock broker transactions, it is easy to extract part of the record for a given \*time\* \*stamp\* restriction. For example, to check the account balance of a give date, the browser 100...

...2, 1998 and return the results. Since all the transactions in such application environments have \*time\* \*stamps\* anyway, it is straightforward to add this function to the service.

For real time contents, the only restriction in appending a \*time\* \*stamp\* is the storage requirement. If a lot of storage space is available compared ...The present invention provides persistent Web access, without requiring all web servers to directly handle \*time\*-\*stamps\* in a URL. Generally, a user enters a dated URL, for example, using a web...

...the specification of the desired date and time, or the user can manually append the \*time\* \*stamp\* to the URL indicated in the "Location" window of the browser. The Web server receives the URL (containing a \*time\* \*stamp\*, a relative \*time\*-\*stamp\* or a variable \*time\*-\*stamp\*). Thereafter, the Web server retrieves the correct Web page(s) from its own archive, or...

#### ...CLAIMS A2

1. A method for providing an \*electronic\* \*document\*, said \*electronic\* \*document\* having \*multiple\* \*versions\*, each of said \*versions\* having a \*time\*-\*stamp\*, said method comprising the steps of receiving a request for one of said versions of said electronic document, said request including an \*indication\* of said \*time\*-\*stamp\*; and transmitting a network address of a server where said requested version of said electronic...

...The method according to claim 1, wherein an address identifying said electronic document includes said \*time\*-\*stamp\*.

4. The method according to claim 3, wherein said address is a Uniform Resource Locator...

...to claim 4, wherein said Uniform Resource Locator ("URL") has an associated request header for \*indicating\* said \*time\* \*stamp\*.

6. The method according to claim 1, wherein said request is received from a browser...

...the step of identifying a server satisfying predefined criteria.

11. A system for storing an \*electronic\* \*document\* having \*multiple\* \*versions\*, said system comprising:  
a memory for storing computer readable code; and  
a processor operatively coupled...

...a request for one of said versions of said electronic document, said request including an \*indication\* of said \*time\*-\*stamp\*; and transmit a network address of a server where said requested version of said electronic...

...The system according to claim 11, wherein an address identifying said electronic document includes said \*time\*-\*stamp\*.

14. The system according to claim 13, wherein said address is a Uniform Resource Locator...

...to claim 14, wherein said Uniform Resource Locator ("URL") has an associated request header for \*indicating\* said \*time\* \*stamp\*.

16. The system according to claim 11, wherein said request is specified using a browser...

...a request for one of said versions of said electronic document, said request including an \*indication\* of said \*time\*-\*stamp\*; and transmit a network address of a server where said requested version of said electronic...

**25/3, K/4 (Item 4 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01254404

History-based document differencing showing nature of differences  
Vergangenheitsbasierte Bestimmung der Unterschiede zwischen verschiedenen  
Versionen eines Dokuments mit Darstellung der Art der Unterschiede  
Determination des differences entre differentes versions d'un document  
fondée sur son historique avec présentation du genre de differences

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1083492 A2 010314 (Basic)  
EP 1083492 A3 010516

APPLICATION (CC, No, Date): EP 2000307084 000818;

PRIORITY (CC, No, Date): US 389843 990902

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: \*G06F-017/24\*; \*G06F-017/30\*; \*G06F-017/60\*

ABSTRACT WORD COUNT: 25

NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200111	775
SPEC A	(English)	200111	1714
Total word count - document A			2489

Total word count - document B 0  
Total word count - documents A + B 2489

INTERNATIONAL PATENT CLASS: \*G06F-017/24\*...

...\*G06F-017/30\*...

...\*G06F-017/60\*

...ABSTRACT A2

\*Electronic\* \*document\* version management for \*multiple\* \*versions\* of an \*electronic\* \*document\* displays the nature of the changes made between versions of an electronic document.

...SPECIFICATION differential page content and field content between versions.

#### SUMMARY OF THE INVENTION

The invention provides \*electronic\* \*document\* version management in a way that manages \*multiple\* \*versions\* of an \*electronic\* \*document\* and displays the nature of the differences made between versions of an electronic document.

Advantages...the user 226 that established a particular version of the document, as well as a \*date\* and \*time\* \*stamp\* 228 for that version, which can optionally be maintained in the version history of the...

25/AN,AZ,TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01541477

Meta-document management system with user definable personalities  
System zum Verwalten von Meta-Dokumenten mit benutzerdefinierbaren  
Personlichkeiten

Systeme de gestion de Meta-documents avec personnalites definissables par  
l'utilisateur

APPLICATION (CC, No, Date): EP 2002018111 020813;

PRIORITY (CC, No, Date): US 311857 P 010813; US 683236 011205

25/AN,AZ,TI/2 (Item 2 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01526438

Methods and systems for managing supply chain processes

Verfahren und Systeme zur Verwaltung von Versorgungsketten-Prozessen

Procedes et systemes pour la gestion de processus de chaines  
d'approvisionnements

APPLICATION (CC, No, Date): EP 2002254624 020702;

PRIORITY (CC, No, Date): US 900737 010706

25/AN,AZ,TI/3 (Item 3 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01361862

Internet archive service providing persistent access to web resources

Internetbasierter Archivierungsdienst mit Bereitstellung von dauerhaftem  
Zugriff auf Netzressourcen

Service d'archivage sur Internet permettant l'accès aux ressources web

APPLICATION (CC, No, Date): EP 2001304491 010522;

PRIORITY (CC, No, Date): US 580149 000530

25/AN,AZ,TI/4 (Item 4 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

01254404

History-based document differencing showing nature of differences

Vergangenheitsbasierte Bestimmung der Unterschiede zwischen verschiedenen  
Versionen eines Dokuments mit Darstellung der Art der Unterschiede

Determination des differences entre differentes versions d'un document  
fondée sur son historique avec présentation du genre de differences

APPLICATION (CC, No, Date): EP 2000307084 000818;

PRIORITY (CC, No, Date): US 389843 990902

25/AN,AZ,TI/5 (Item 5 from file: 348)  
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

00949399

INTERACTIVE WEB BOOK SYSTEM

INTERAKTIVES NETZBUCHSYSTEM

SYSTEME DE LIVRE WEB INTERACTIF

APPLICATION (CC, No, Date): EP 97909427 971015; WO 97GB2842 971015

PRIORITY (CC, No, Date): US 735727 961023

25/AN,AZ,TI/6 (Item 6 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

01057296

NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 98P4B6 USEFUL IN TREATMENT  
AND DETECTION OF CANCER

ACIDE NUCLEIQUE ET PROTEINE CORRESPONDANTE 98P4B6 UTILISES DANS LE  
TRAITEMENT ET LA DETECTION DU CANCER

Application: WO 2003US10462 20030404 (PCT/WO US0310462)

25/AN,AZ,TI/7 (Item 7 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

01037468

SYSTEM AND METHOD FOR MAINTAINING COMPONENTIZED CONTENT  
SYSTEME ET PROCEDE POUR MAINTENIR UN CONTENU DECOMPOSE

Application: WO 2003US3952 20030210 (PCT/WO US0303952)

25/AN,AZ,TI/8 (Item 8 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

01028558

PURCHASING AID LOGISTICS APPLIANCE AND METHOD TO USE SAME  
INSTRUMENT LOGISTIQUE D'AIDE A L'ACHAT ET PROCEDE D'UTILISATION ASSOCIE

Application: WO 2002US41559 20021227 (PCT/WO US0241559)

25/AN,AZ,TI/9 (Item 9 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00964553

METHOD AND APPARATUS FOR ASSIGNING CONDITIONAL OR CONSEQUENTIAL RIGHTS TO  
DOCUMENTS AND DOCUMENTS HAVING SUCH RIGHTS METHOD AND APPARATUS FOR  
ASSIGNING CONDITIONAL OR CONSEQUENTIAL RIGHTS TO DOCUMENTS AND  
DOCUMENTS HAVING SUCH RIGHTS

PROCEDE ET APPAREIL PERMETTANT D'ATTRIBUER DES DROITS CONDITIONNELS OU  
CONSEQUENTIELS A DES DOCUMENTS ET DOCUMENTS DISPOSANT DE CES DROITS

Application: WO 2002US14447 20020509 (PCT/WO US0214447)

25/AN,AZ,TI/10 (Item 10 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00911754

METHOD OF MARKING A DATABASE RELATING TO UPDATES  
AMELIORATIONS APPORTEES AUX SITES WEB

Application: WO 2001GB5270 20011203 (PCT/WO GB0105270)

25/AN,AZ,TI/11 (Item 11 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00908855

METHOD OF CREATING ELECTRONIC PROSECUTION EXPERIENCE FOR PATENT APPLICANT  
PROCEDE DE CREATION D'UN SYSTEME D'ENREGISTREMENT ELECTRONIQUE POUR  
DEPOSANT D'UNE DEMANDE DE BREVET

Application: WO 2001US44441 20011127 (PCT/WO US2001044441)

25/AN,AZ,TI/12 (Item 12 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00895407

SYSTEM AND METHOD FOR MANAGING PRODUCT DATA  
SYSTEME ET PROCEDE SERVANT A GERER DES DONNEES DE PRODUITS  
Application: WO 2000SG163 20001002 (PCT/WO SG0000163)

25/AN,AZ,TI/13 (Item 13 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00895056

WHOLE CELL ENGINEERING BY MUTAGENIZING A SUBSTANTIAL PORTION OF A STARTING GENOME, COMBINING MUTATIONS, AND OPTIONALLY REPEATING  
MANIPULATION DE CELLULE ENTIERE PAR MUTAGENESE D'UNE PARTIE SUBSTANTIELLE D'UN GENOME DE DEPART, PAR COMBINAISON DE MUTATIONS ET EVENTUELLEMENT PAR REPETITION

Application: WO 2001US31004 20011001 (PCT/WO US0131004)

Parent Application/Grant:

Related by Continuation to: US 2001119367 20010614 (CIP); US 2001279702 20010328 (CIP); US 2000677584 20000930 (CIP)

25/AN,AZ,TI/14 (Item 14 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00871892

WEB-BASED SECURED METHOD AND SYSTEM FOR COLLABORATIVE INVENTIONS CREATION  
PROCEDE ET SYSTEME SECURISES FAISANT INTERVENIR L'INTERNET POUR LA  
REALISATION D'INVENTIONS EN COLLABORATION

Application: WO 2001EP7354 20010627 (PCT/WO EP0107354)

25/AN,AZ,TI/15 (Item 15 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00826834

NUCLEIC ACIDS, PROTEINS, AND ANTIBODIES  
ACIDES NUCLEIQUES, PROTEINES ET ANTICORPS  
Application: WO 2001US1342 20010117 (PCT/WO US0101342)

25/AN,AZ,TI/16 (Item 16 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00826091

COMPREHENSIVE WEB SITE MANAGEMENT SYSTEM AND PROCESSES THEREFORE  
SYSTEME POLYVALENT DE GESTION DE SITES WEB ET PROCEDES ASSOCIES  
Application: WO 2001US4430 20010209 (PCT/WO US0104430)

25/AN,AZ,TI/17 (Item 17 from file: 349)  
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00822684

NUCLEIC ACIDS, PROTEINS, AND ANTIBODIES  
ACIDES NUCLEIQUES, PROTEINES ET ANTICORPS

Application: WO 2001US1307 20010117 (PCT/WO US0101307)

**25/AN,AZ, TI/18 (Item 18 from file: 349)**  
DIALOG(R) File 349: (c) 2004 WIPO/Univentio. All rts. reserv.

00814145  
**A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS**  
**PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU**  
Application: WO 2000US35216 20001222 (PCT/WO US0035216)

**25/AN,AZ, TI/19 (Item 19 from file: 349)**  
DIALOG(R) File 349: (c) 2004 WIPO/Univentio. All rts. reserv.

00814140  
**A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK**  
**PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL**  
Application: WO 2000US35429 20001222 (PCT/WO US0035429)

**25/AN,AZ, TI/20 (Item 20 from file: 349)**  
DIALOG(R) File 349: (c) 2004 WIPO/Univentio. All rts. reserv.

00807399  
**METHOD AND SYSTEM FOR MANAGING WEB PAGES**  
**PROCEDE ET SYSTEME DE GESTION DE PAGES WEB**  
Application: WO 2000US32707 20001201 (PCT/WO US00032707)

**25/AN,AZ, TI/21 (Item 21 from file: 349)**  
DIALOG(R) File 349: (c) 2004 WIPO/Univentio. All rts. reserv.

00796193  
**METHODS AND SYSTEMS FOR PROVIDING LOAD DEPENDENT CONTENT**  
**PROCEDES ET SYSTEMES PERMETTANT DE FOURNIR UN CONTENU DEPENDANT DE LA CHARGE**  
Application: WO 2000CA1100 20000922 (PCT/WO CA0001100)

**25/AN,AZ, TI/22 (Item 22 from file: 349)**  
DIALOG(R) File 349: (c) 2004 WIPO/Univentio. All rts. reserv.

00795128  
**ELECTRONIC SHOPPING MANAGEMENT: INTERVENTION**  
**GESTION DE COMMERCE ELECTRONIQUE PAR INTERVENTION**  
Application: WO 2000US28553 20001013 (PCT/WO US0028553)

**25/AN,AZ, TI/23 (Item 23 from file: 349)**  
DIALOG(R) File 349: (c) 2004 WIPO/Univentio. All rts. reserv.

00777020  
**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN AN E-COMMERCE TECHNICAL ARCHITECTURE**  
**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE**  
Application: WO 2000US20547 20000728 (PCT/WO US0020547)

25/AN,AZ, TI/24 (Item 24 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00775310  
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR DETERMINING CAPABILITY LEVELS OF A RELEASE MANAGEMENT PROCESS AREA FOR PROCESS ASSESSMENT PURPOSES IN AN OPERATIONAL MATURITY INVESTIGATION  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR DETERMINER LES NIVEAUX DE CAPACITE D'UNE ZONE DU PROCESSUS DE GESTION DE DIFFUSION A DES FINS D'EVALUATION DE PROCESSUS DANS UNE ETUDE DE MATURITE OPERATIONNELLE  
Application: WO 2000US20278 20000726 (PCT/WO US0020278)

25/AN,AZ, TI/25 (Item 25 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00775307  
A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING CAPABILITY LEVELS OF PROCESSES TO EVALUATE OPERATIONAL MATURITY OF AN ORGANIZATION  
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A DETERMINER DES NIVEAUX DE CAPACITE D'OPERATIONS POUR DES BESOINS D'EVALUATION D'OPERATION DANS UNE RECHERCHE DE MATURITE OPERATIONNELLE  
Application: WO 2000US20353 20000726 (PCT/WO US0020353)

25/AN,AZ, TI/26 (Item 26 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00775300  
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR DETERMINING CAPABILITY LEVELS OF A MONITORING PROCESS AREA FOR PROCESS ASSESSMENT PURPOSES IN AN OPERATIONAL MATURITY INVESTIGATION  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR DETERMINER LES NIVEAUX DE CAPACITE D'UNE ZONE DE PROCESSUS DE SURVEILLANCE A DES FINS D'EVALUATION DE PROCESSUS DANS UNE ETUDE DE MATURITE OPERATIONNELLE  
Application: WO 2000US20280 20000726 (PCT/WO US0020280)

25/AN,AZ, TI/27 (Item 27 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00761432  
METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES AND CUSTOMER PROFILE  
PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS  
Application: WO 2000US14459 20000524 (PCT/WO US0014459)

25/AN,AZ, TI/28 (Item 28 from file: 349)  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00761429  
METHODS, CONCEPTS AND TECHNOLOGY FOR A VIRTUAL SHOPPING SYSTEM CAPABLE OF ASSESSING NEEDS OF A CUSTOMER AND RECOMMENDING A PRODUCT OR SERVICE BASED ON SUCH ASSESSED NEEDS  
PROCEDES, CONCEPTS ET TECHNOLOGIE POUR SYSTEME D'ACHAT VIRTUEL CAPABLE D'EVALUER LES BESOINS D'UN CLIENT ET DE RECOMMANDER UN PRODUIT OU UN SERVICE SUR LA BASE DE CES BESOINS

Application: WO 2000US14357 20000524 (PCT/WO US0014357)

**25/AN,AZ, TI/29 (Item 29 from file: 349)**  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00761424  
**A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY**  
**SYSTÈME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES DE COMPOSANTS D'UN SYSTÈME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE**  
Application: WO 2000US14458 20000524 (PCT/WO US0014458)

**25/AN,AZ, TI/30 (Item 30 from file: 349)**  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00743958  
**METHOD AND APPARATUS FOR COMPUTED RELEVANCE MESSAGING**  
**PROCEDE ET DISPOSITIF DE MESSAGERIE A PERTINENCE CALCULEE**  
Application: WO 2000US7077 20000317 (PCT/WO US0007077)

**25/AN,AZ, TI/31 (Item 31 from file: 349)**  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00742397  
**DETERMINING OBJECTIVE EFFECTIVENESS OF A WEB SITE BY MATHEMATICAL MODELING OF SCENES**  
**ANALYSE DE L'EFFICACITE OBJECTIVE D'UN SITE WEB PAR MODELISATION INFORMATIQUE**  
Application: WO 2000US6347 20000310 (PCT/WO US0006347)

**25/AN,AZ, TI/32 (Item 32 from file: 349)**  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00577717  
**SEARCH ENGINE DATABASE AND INTERFACE**  
**BASE DE DONNEES ET INTERFACE POUR MOTEUR DE RECHERCHE**  
Application: WO 2000US455 20000110 (PCT/WO US0000455)

**25/AN,AZ, TI/33 (Item 33 from file: 349)**  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00549748  
**METHOD AND APPARATUS FOR COMPUTED RELEVANCE MESSAGING**  
**PROCEDE ET APPAREIL DESTINES A UNE MESSAGERIE PERTINENTE GREEE PAR ORDINATEUR**  
Application: WO 99US19751 19990827 (PCT/WO US9919751)

**25/AN,AZ, TI/34 (Item 34 from file: 349)**  
DIALOG(R) File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00522070  
**HIGH PERFORMANCE OBJECT CACHE**  
**ANTEMEMOIRE OBJET HAUTE PERFORMANCE**  
Application: WO 99US8281 19990415 (PCT/WO US9908281)

**25/AN,AZ, TI/35 (Item 35 from file: 349)**  
DIALOG(R) File 349: (c) 2004 WIPO/Univentio. All rts. reserv.

00518048

**INTERNET DATA REDUCTION SYSTEM**

**SYSTEME DE REDUCTION DE DONNEES INTERNET**

Application: WO 99AU206 19990324 (PCT/WO AU9900206)

**25/AN,AZ, TI/36 (Item 36 from file: 349)**  
DIALOG(R) File 349: (c) 2004 WIPO/Univentio. All rts. reserv.

00516676

**IMPROVED SEARCH ENGINE**

**MOTEUR DE RECHERCHE AMELIORE**

Application: WO 99US5588 19990316 (PCT/WO US9905588)

```

? show files;ds
File 2:INSPEC 1969-2004/Feb W4
    (c) 2004 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2004/Feb
    (c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Feb W5
    (c) 2004 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jan
    (c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
    (c) 2003 EBSCO Pub.
File 474:New York Times Abs 1969-2004/Mar 03
    (c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Mar 03
    (c) 2004 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
    (c) 2002 The Gale Group
File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Jan
    (c) 2004 Info.Sources Inc
File 1:ERIC 1966-2004/Mar 01
    (c) format only 2004 The Dialog Corporation
File 6:NTIS 1964-2004/Feb W5
    (c) 2004 NTIS, Intl Cpyrght All Rights Res
File 7:Social SciSearch(R) 1972-2004/Feb W5
    (c) 2004 Inst for Sci Info
File 121:Brit.Education Index 1976-2003/Q4
    (c) 2003 British Education Index
File 202:Info. Sci. & Tech. Abs. 1966-2004/Feb 20
    (c) 2004 EBSCO Publishing
File 437:Education Abstracts 1983-2004/Jan
    (c) 2004 The HW Wilson Co
File 438:Library Lit. & Info. Science 1984-2004/Jan
    (c) 2004 The HW Wilson Co

```

Set	Items	Description
S1	89246	(ONLINE OR ON()LINE OR VIRTUAL OR ELECTRONIC OR DIGITAL OR E OR MACHINE()READABLE OR COMPUTERI? OR INTERNET OR WEB OR WO-RLDWIDEWEB OR WEB OR WIDEWEB )()DOCUMENT? ? OR PAGE? ? OR SITE? ? OR FILE? ? OR TEXT? ?)
S2	14664	WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR EDOCUMENT? ? OR EFILE? ? OR ETEXT? ?
S3	3730701	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR NUMEROUS OR MANY OR MYRIAD OR NUMBER
S4	432721	VERSIONS OR EDITIONS OR ITERATIONS OR RELEASES OR REVISIONS OR VARIANTS OR VARIATIONS
S5	68885	(TIME OR MINUTE? ? OR DAY? ? OR HOUR? ? OR DATE? ?)(3N)(ST-AMP? ? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR SIGNAL??? OR MARKER? ? OR IMPRINT??? OR CIPHER? ? OR LABEL??? OR IDENTIF??? OR CODING? ?) OR TIMESTAMP? ?
S6	141	(PERSISTENT OR PERMANENT OR DURABLE OR LAST??? OR CONSTANT OR PERPETUAL OR ENDURING OR PERSEVER?) ()(URL OR UNIFORM()RESO-URCE OR DNS OR DOMAIN()NAME()SERVER OR WEB()ADDRESS) OR PURL - OR PDNS
S7	101280	S1 OR S2
S8	22501	S3(5N)S4
S9	44	S7(10N)S8
S10	0	S5(10N)S9
S11	0	S6(S)S10
S12	30469	S3(10N)S4
S13	254	S7(S)S12
S14	1	S13(S) (S5 OR S6)

S15 1178 S3 AND S4 AND S7  
S16 2 S15 AND (S5 OR S6)  
S17 1102 S3 AND S4 AND (S5 OR S6)  
S18 104 S3(10N)S4(10N)(S5 OR S6)  
S19 1761098 DOCUMENT? ? OR PAGE? ? OR SITE? ? OR FILE? ? OR TEXT? ?  
S20 14 S18 AND S19  
S21 1769726 S2 OR S19  
S22 14 S18 AND S21  
S23 15 S14 OR S22  
S24 11 S23 NOT PY>1998  
S25 11 S24 NOT PD=19981202:20040430  
S26 10 RD (unique items)

26/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03328169 INSPEC Abstract Number: C89020744

**Title: Software maintenance features for library systems**

Author(s): Harness, E.N.; Chance, R.M.

Author Affiliation: IBM Syst. Products Div., Rochester, MN, USA

Conference Title: Proceedings of the Conference on Software Maintenance - 1988 (IEEE Cat. No.88CH2615-3) p.183-90

Publisher: IEEE Comput. Soc. Press, Washington, DC, USA

Publication Date: 1988 Country of Publication: USA xiii+418 pp.

ISBN: 0 8186 0879 X

U.S. Copyright Clearance Center Code: CH2615-3/88/0000-0183\$01.00

Conference Sponsor: IEEE; NBS; ACM; Software Maintenance Assoc

Conference Date: 24-27 Oct. 1988 Conference Location: Scottsdale, AZ, USA

Language: English

Subfile: C

...Abstract: library blocking, and multiple maintenance support, three advanced features that can be implemented in many \*file\*-based library control systems, are discussed. They can provide programmers with a development and maintenance environment that will allow them to maximize \*time\* spent writing new \*code\* and minimize \*time\* spent maintaining \*multiple\* \*versions\* of old code. They can also help management get a better idea of the state...

26/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02125987 INSPEC Abstract Number: C83039477

**Title: An abstract model of database concurrency control algorithms**

Author(s): Carey, M.J.

Author Affiliation: Dept. of Electrical Engng. & Computer Sci., Univ. of California, Berkeley, CA, USA

Journal: SIGMOD Record vol.13, no.4 p.97-107

Publication Date: May 1983 Country of Publication: USA

CODEN: SRECD8 ISSN: 0163-5808

Conference Title: Database Week: Engineering Design Applications. Proceedings of Annual Meeting

Conference Sponsor: ACM; IEEE

Conference Date: 23-26 May 1983 Conference Location: San Jose, CA, USA

Language: English

Subfile: C

...Abstract: and CPU overheads of various algorithms based on their descriptions. Results are given for single-\*site\* \*versions\* of two-phase locking, basic \*timestamp\* ordering, and serial validation. Extensions which will allow comparisons of \*multiple\* version and distributed algorithms are discussed as well.

26/3,K/8 (Item 3 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

(c)2004 Info.Sources Inc. All rts. reserv.

00072991

DOCUMENT TYPE: Review

PRODUCT NAMES: Authoring Systems (830185)

TITLE: Authoring Programs

AUTHOR: Brown, Eric

SOURCE: NewMedia, p17(8) Winter 1995

ISSN: 1060-7188

HOME PAGE: <http://www.newmedia.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020830

...authoring language will be released in 1996; the product will eliminate the need for run-\*time\* \*versions\*, because the \*code\* can run on \*many\* platforms. Products like HyperCard emphasize hyperlinks (clickable items that activate another, related area of the application) and navigation tools more than presentation functions. Hyperlinked \*documents\* have some similarities to electronic publishing programs, like Folio Views, which have strong search functions...

**26/3,K/9 (Item 1 from file: 6)**

DIALOG(R) File 6:NTIS

(c) 2004 NTIS, Intl Cpyrht All Rights Res. All rts. reserv.

2061559 NTIS Accession Number: MIC-98-02158/XAB

**PRODAT II development**

(DREA contractor report no. DREA CR/97/403)

Murray, K.

Defence Research Establishment Atlantic, Dartmouth, (Nova Scotia).

Corp. Source Codes: 999999999; 0621210

c1997 30p

Languages: English

Journal Announcement: GRAI9812

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at [orders.ntis.fedworld.gov](mailto:orders.ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC E07/MF E01

Various enhancements made over \*time\* to the PRODAT \*signal\* processing software have resulted in a \*number\* of PRODAT \*versions\* each with its own subset of features. During 1996, these \*multiple\* \*versions\* were consolidated into a single set of source \*files\*, which were then integrated into the existing X-Windows PRODAT package to create a master... ... systems, verification of time series displays and triggering, linked crosshairs for complex displays, custom defaults \*files\* and heterodyne, and filter and decimate processing. This report discusses the development and implementation of...

26/AA,AN,TI/1 (Item 1 from file: 2)  
DIALOG(R)File 2:(c) 2004 Institution of Electrical Engineers. All rts.  
reserv.

Title: Development of a cardiac acoustic mapping system

26/AA,AN,TI/2 (Item 2 from file: 2)  
DIALOG(R)File 2:(c) 2004 Institution of Electrical Engineers. All rts.  
reserv.

Title: The inversion algorithm for digital simulation

26/AA,AN,TI/3 (Item 3 from file: 2)  
DIALOG(R)File 2:(c) 2004 Institution of Electrical Engineers. All rts.  
reserv.

Title: Software maintenance features for library systems

26/AA,AN,TI/4 (Item 4 from file: 2)  
DIALOG(R)File 2:(c) 2004 Institution of Electrical Engineers. All rts.  
reserv.

Title: An abstract model of database concurrency control algorithms

26/AA,AN,TI/5 (Item 1 from file: 233)  
DIALOG(R)File 233:(c) 2003 EBSCO Pub. All rts. reserv.

00513363 98NC11-021  
WebSphere Studio aids code developers

26/AA,AN,TI/6 (Item 1 from file: 256)  
DIALOG(R)File 256:(c)2004 Info.Sources Inc. All rts. reserv.

00091395

TITLE: Steinberg cues up sound-editing app

26/AA,AN,TI/7 (Item 2 from file: 256)  
DIALOG(R)File 256:(c)2004 Info.Sources Inc. All rts. reserv.

00076838

TITLE: DB2: The UNIX DBMS?

26/AA,AN,TI/8 (Item 3 from file: 256)  
DIALOG(R)File 256:(c)2004 Info.Sources Inc. All rts. reserv.

00072991

TITLE: Authoring Programs

26/AA,AN,TI/9 (Item 1 from file: 6)

DIALOG(R)File 6:(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: MIC-98-02158/XAB  
**PRODAT II development**  
(DREA contractor report no. DREA CR/97/403)

**26/AA,AN, TI/10 (Item 2 from file: 6)**  
DIALOG(R)File 6:(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts.  
reserv.

NTIS Accession Number: DE92003037  
Monitoring the response of the upper troposphere/lower stratosphere to a  
greenhouse gas scenario. Semi-annual progress report, (February 2,  
1991--November 2, 1991)

```
? show files;ds
File 9:Business & Industry(R) Jul/1994-2004/Mar 03
      (c) 2004 Resp. DB Svcs.
File 15:ABI/Inform(R) 1971-2004/Mar 03
      (c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Mar 04
      (c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Mar 04
      (c) 2004 The Dialog Corp.
File 148:Gale Group Trade & Industry DB 1976-2004/Mar 04
      (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
      (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Mar 04
      (c) 2004 The Gale Group
```

Set	Items	Description
S1	3387650	(ONLINE OR ON()LINE OR VIRTUAL OR ELECTRONIC OR DIGITAL OR E OR MACHINE()READABLE OR COMPUTER? OR INTERNET OR WEB OR WORLDWIDEWEB OR WEB OR WIDEWEB )() (DOCUMENT? ? OR PAGE? ? OR SITE? ? OR FILE? ? OR TEXT? ?)
S2	1478742	WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR EDOCUMENT? ? OR EFILE? ? OR ETEXT? ?
S3	17502590	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR NUMEROUS OR MANY OR MYRIAD OR NUMBER
S4	1847775	VERSIONS OR EDITIONS OR ITERATIONS OR RELEASES OR REVISIONS OR VARIANTS OR VARIATIONS
S5	234107	(TIME OR MINUTE? ? OR DAY? ? OR HOUR? ? OR DATE? ?) (STAMP? ? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR SIGNAL??? OR MARKER? ? OR IMPRINT??? OR CIPHER? ? OR LABEL??? OR IDENTIF??? OR CODING? ?) OR TIMESTAMP? ?
S6	1018	(PERSISTENT OR PERMANENT OR DURABLE OR LAST??? OR CONSTANT OR PERPETUAL OR ENDURING OR PERSEVER?) () (URL OR UNIFORM()RESOURCE OR DNS OR DOMAIN()NAME()SERVER OR WEB()ADDRESS) OR PURL - OR PDNS
S7	4553259	S1 OR S2
S8	91747	S3(5N)S4
S9	1092	S7(10N)S8
S10	2	S5(10N)S9
S11	0	S6(S)S10
S12	107180	S3(7N)S4
S13	3747	S7(S)S12
S14	12	S13(S)(S5 OR S6)
S15	92	S8(10N)(S5 OR S6)
S16	15	S7 AND S15
S17	11	S16 NOT S14
<b>S18</b>	<b>23</b>	<b>S14 OR S16</b>
S19	14	S18 NOT PY>1998
S20	9	RD (unique items)

20/3,K/6 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02248402 SUPPLIER NUMBER: 53333465 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Think Globally, Act Locally. (global data warehouse design) (Technology  
Information)  
KIMBALL, RALPH  
Intelligent Enterprise, 70(1)  
Dec, 1998  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1960 LINE COUNT: 00154

... and Chinese calendars, then it would make sense to include all three sets of major \*labels\* for \*days\*, months, and years in this single table. Interested readers are invited to fetch a sample 50-year daily calendar dimension from my \*Web\* \*site\*, which contains one record for each day from January 1, 1980, to December 31, 2029. It has as \*many\* calendar \*variations\* as I could generate with any confidence. The calendar dimension is a Microsoft Access database...

20/3,K/7 (Item 2 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

02018652 SUPPLIER NUMBER: 18957706 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
IFRA, part II: European newspaper systems, image input and archiving.  
(includes related articles on 4-Sight's ADS System 5.0, international  
news available on PressPoint's network, and newspapers on the Internet)  
(Industry Trend or Event)  
Tribute, Andrew; Joner, Urban; Rossello, Rosanne; Edwards, Stephen E.  
Seybold Report on Publishing Systems, v26, n6, p3(27)  
Nov 30, 1996  
ISSN: 0736-7260 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 20741 LINE COUNT: 01601

... structured, no additional work needs to be done to have the text published on a \*Web\* \*page\*. In the database, each item has a type of "style" information. When an item is...We'll focus on two: the use of Lotus Notes as an editorial system for \*Web\* \*pages\* and the IBM Digital Library for managing digital content.

We have seen a few other...

...Groupsoft gets around many of the earlier problems by being just an editorial system for \*Web\* \*pages\*. Called Groupsoft Publisher, it is built around Notes 4.1 and uses the Lotus Domino...to the article.

WebWatcher Xtra enables the user to keep a continuous watch over different \*Web\* \*sites\*. I.e., when a site is updated the user will automatically be notified. The system...based upon overall booked values.

The system has a wide range of functionality for handling \*multiple\* publications and \*multiple\* \*editions\*. Ads are booked either by calendar or \*coded\* \*dates\*. The system uses the full Hermes text editor and composition software. Styles can be applied...been efforts to enable dot-for- dot scanning of color-separation films for insertion into \*digital\* \*files\*. As more and more newspapers achieve pagination of their news and classified sections, they still...

...because any slight skewing of a single film could ruin the ad when the four \*digital\* \*files\* are combined into a four-color ad. An operator using a page layout program might...years, has added a feature for automatically

registering multiple films being scanned for incorporation in \*digital\* \*files\*.

Called the Color Registration System, it takes two points that each of the films have...

...two points and makes whatever adjustments are needed to put them in alignment in the \*electronic\* \*file\* the scanner produces. In a typical situation, the register marks are used, but it could...

**20/AA,AN,PD,TI/1 (Item 1 from file: 15)**  
DIALOG(R) File 15:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01715647 03-66637  
**Distributing earnings reports on the Internet**  
Oct 1998

**20/AA,AN,PD,TI/2 (Item 2 from file: 15)**  
DIALOG(R) File 15:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01511718 01-62706  
**If you're shopping for CD-ROM drives**  
Sep 1997

**20/AA,AN,PD,TI/3 (Item 1 from file: 16)**  
DIALOG(R) File 16:(c) 2004 The Gale Group. All rts. reserv.

05929984 Supplier Number: 53172165  
**M&I Data Services Division Adds 30 New Customers.**  
Nov 4, 1998

**20/AA,AN,PD,TI/4 (Item 1 from file: 148)**  
DIALOG(R) File 148:(c) 2004 The Gale Group. All rts. reserv.

09493004 SUPPLIER NUMBER: 19426860  
**CyberGauge keeping check on connections. (Neon Software's CyberGauge 2.0 LAN management utility) (Product Announcement) (Brief Article)**  
May 19, 1997

**20/AA,AN,PD,TI/5 (Item 2 from file: 148)**  
DIALOG(R) File 148:(c) 2004 The Gale Group. All rts. reserv.

08124425 SUPPLIER NUMBER: 17389671  
**Plastics technology: manufacturing handbook & buyers' guide 1995/96. (Buyers Guide)**  
August, 1995

**20/AA,AN,PD,TI/6 (Item 1 from file: 275)**  
DIALOG(R) File 275:(c) 2004 The Gale Group. All rts. reserv.

02248402 SUPPLIER NUMBER: 53333465  
**Think Globally, Act Locally. (global data warehouse design) (Technology Information)**  
Dec, 1998

**20/AA,AN,PD,TI/7 (Item 2 from file: 275)**  
DIALOG(R) File 275:(c) 2004 The Gale Group. All rts. reserv.

02018652 SUPPLIER NUMBER: 18957706  
**IFRA, part II: European newspaper systems, image input and archiving. (includes related articles on 4-Sight's ADS System 5.0, international news available on PressPoint's network, and newspapers on the Internet) (Industry Trend or Event)**  
Nov 30, 1996

20/AA,AN,PD,TI/8 (Item 3 from file: 275)  
DIALOG(R)File 275:(c) 2004 The Gale Group. All rts. reserv.

01467399 SUPPLIER NUMBER: 11888785  
Seminars '91, part II: information management, color, newspapers. (includes related articles on book publishers automating, PostScript color screening, the prepress industry in 1995 and font usage in PostScript)  
(Cover Story)  
April 29, 1991

20/AA,AN,PD,TI/9 (Item 4 from file: 275)  
DIALOG(R)File 275:(c) 2004 The Gale Group. All rts. reserv.

01439758 SUPPLIER NUMBER: 10957512  
Minifinders. (buyer's guide to Apple Macintosh hardware and software)  
(buyers guide)

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? show files;ds
File 476:Financial Times Fulltext 1982-2004/Mar 04
    (c) 2004 Financial Times Ltd
File 610:Business Wire 1999-2004/Mar 04
    (c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Mar 03
    (c) 2004 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 03
    (c) 2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Mar 03
    (c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Mar 03
    (c) 2004 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 04
    (c) 2004 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
    (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
    (c) 1999 PR Newswire Association Inc
File 13:BAMP 2004/Feb W4
    (c) 2004 Resp. DB Svcs.
File 75:TGG Management Contents(R) 86-2004/Feb W4
    (c) 2004 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2004/Mar 04
    (c) 2004 The Gale group
File 141:Readers Guide 1983-2004/Jan
    (c) 2004 The HW Wilson Co

```

Set	Items	Description
S1	2365682	(ONLINE OR ON()LINE OR VIRTUAL OR ELECTRONIC OR DIGITAL OR E OR MACHINE()READABLE OR COMPUTERI? OR INTERNET OR WEB OR WORLDWIDEWEB OR WEB OR WIDEWEB )() (DOCUMENT? ? OR PAGE? ? OR SITE? ? OR FILE? ? OR TEXT? ?)
S2	725325	WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR EDOCUMENT? ? OR EFILE? ? OR ETEXT? ?
S3	7081984	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR NUMEROUS OR MANY OR MYRIAD OR NUMBER
S4	978437	VERSIONS OR EDITIONS OR ITERATIONS OR RELEASES OR REVISIONS OR VARIANTS OR VARIATIONS
S5	101487	(TIME OR MINUTE? ? OR DAY? ? OR HOUR? ? OR DATE? ?) (STAMP? ? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR SIGNAL??? OR MARKER? ? OR IMPRINT??? OR CIPHER? ? OR LABEL??? OR IDENTIF??? OR CODING? ?) OR TIMESTAMP? ?
S6	610	(PERSISTENT OR PERMANENT OR DURABLE OR LAST??? OR CONSTANT OR PERPETUAL OR ENDURING OR PERSEVER?) () (URL OR UNIFORM()RESOURCE OR DNS OR DOMAIN()NAME()SERVER OR WEB()ADDRESS) OR PURL - OR PDNS
S7	2820162	S1 OR S2
S8	38594	S3(5N)S4
S9	599	S7(10N)S8
S10	1	S5(10N)S9
S11	0	S6(S)S10
S12	45627	S3(7N)S4
S13	2049	S7(S)S12
S14	5	S13(S) (S5 OR S6)
S15	97	S8(S) (S5 OR S6)
<b>S16</b>	<b>26</b>	<b>S7 AND S15</b>
S17	23	S16 NOT S14
S18	4	S17 NOT PY>1998
S19	4	S18 NOT PD=19981202:20040430
S20	3	RD (unique items)

20/3,K/1 (Item 1 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod.Annou. (R)  
(c) 2004 The Gale Group. All rts. reserv.

01747491 Supplier Number: 53172165 (USE FORMAT 7 FOR FULLTEXT)  
**M&I Data Services Division Adds 30 New Customers.**

PR Newswire, p6049  
Nov 4, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 238

... It allows users to create graphical documents using logical icons and intuitive features -- no hard \*coding\* is required, saving \*time\* and expense. OpenCSF operates on \*several\* platforms including \*multiple\* UNIX \*variations\*, AIX, OS/400 and Windows NT.

M&I Data Services provides leading-edge technology solutions...

...a \$21.2 billion holding company. For more information, visit the M&I Data Services \*Web\* \*site\* at <http://www.midata.com>.

20/3,K/2 (Item 1 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03319558 Supplier Number: 46822430 (USE FORMAT 7 FOR FULLTEXT)  
**SOFTSCAPE: Softscape introduces Softscape DiffXChange, powerful new "file exchange" software**  
M2 Presswire, pN/A  
Oct 23, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 737

... or spending a fortune on overnight delivery services.  
Software developers and programmers can save the \*many\* \*iterations\* of a program as it evolves, without having to save the entire body of \*code\* each \*time\* they add a feature or fix a bug.

Network administrators can keep all their remote...

...Volume discounts and site licenses are available. Softscape DiffXChange is also downloadable from the Softscape \*Web\* \*site\* at [www.softscape.com](http://www.softscape.com).  
Dante, the OEM version of the software is available immediately.

SYSTEM...

20/3,K/3 (Item 1 from file: 47)  
DIALOG(R) File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

04992518 SUPPLIER NUMBER: 19799747 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A blessing in disguise. (Year 2000 projects can be an ideal excuse for business process re-engineering) (Technology Information) (Column)**  
Delohery, Pat D.; Buckso, Jack  
Datamation, v43, n10, p29(2)  
Oct, 1997  
DOCUMENT TYPE: Column ISSN: 0011-6963 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1306 LINE COUNT: 00111

... stored in files. Version control did not exist in a structured form, so corporations archived \*many\* \*versions\* of the same source. If an application wasn't changed for a long \*time\*, the source \*code\* might be missing. When it was found, there was no guarantee that the source reflected...co-authored a book with Richard Bergeon called Managing OO (Wiley, 1997). He maintains a \*Web\* \*site\* devoted to the issue (<http://www.year2000.com>). Reach him at [pdejager@year2000.com](mailto:pdejager@year2000.com).

=> dis his

(FILE #'HOME' ENTERED AT 10:15:44 ON 04 MAR 2004)

FILE 'CONFSCI' ENTERED AT 10:15:58 ON 04 MAR 2004

L1 145 S (ONLINE OR ON(W)LINE OR VIRTUAL OR ELECTRONIC OR DIGITAL OR E  
L2 49 S WEBPAGE# OR HOMEPAGE# OR WEBSITE# OR EDOCUMENT# OR EFILE# OR  
L3 17861 S MULTIPLE? OR SEVERAL OR NUMEROUS OR PLURAL OR PLURALITY OR MA  
L4 5800 S VERSIONS OR EDITIONS OR ITERATIONS OR RELEASES OR REVISIONS O  
L5 334 S (TIME OR MINUTE# OR DAY# OR HOUR# OR DATE#) (3A) (STAMP# OR IND  
L6 6 S (PERSISTENT OR PERMANENT OR DURABLE OR LAST## OR CONSTANT OR  
L7 193 S L1 OR L2  
L8 41 S L3(5A)L4  
L9 0 S L7(10A)L8  
L10 0 S L7 AND L8  
L11 0 S L3 AND L4 AND L7  
L12 0 S L8 AND (L5 OR L6)  
L13 0 S L3 AND L4 AND (L5 OR L6)

?show files;ds

File 120:U.S. Copyrights 1978-2004/Mar 02  
(c) format only 2004 The Dialog Corp.

File 426:LCMARC-Books 1968-2004/Feb W5  
(c) format only 2004 Dialog Corporation

File 430:British Books in Print 2003/Nov W5  
(c) 2003 J. Whitaker & Sons Ltd.

File 483:Newspaper Abs Daily 1986-2004/Mar 02  
(c) 2004 ProQuest Info&Learning

File 2:INSPEC 1969-2004/Feb W4  
(c) 2004 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2004/Feb  
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File 65:Inside Conferences 1993-2004/Feb W5  
(c) 2004 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jan  
(c) 2004 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.

File 474:New York Times Abs 1969-2004/Mar 02  
(c) 2004 The New York Times

File 475:Wall Street Journal Abs 1973-2004/Mar 02  
(c) 2004 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
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File 256:SoftBase:Reviews, Companies&Prods. 82-2004/Jan  
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File 1:ERIC 1966-2004/Mar 01  
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File 6:NTIS 1964-2004/Feb W5  
(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 7:Social SciSearch(R) 1972-2004/Feb W4  
(c) 2004 Inst for Sci Info

File 121:Brit.Education Index 1976-2003/Q4  
(c) 2003 British Education Index

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File 437:Education Abstracts 1983-2004/Jan  
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(c) 2004 The HW Wilson Co

File 9:Business & Industry(R) Jul/1994-2004/Mar 02  
(c) 2004 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2004/Mar 03  
(c) 2004 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2004/Mar 03  
(c) 2004 The Gale Group

File 20:Dialog Global Reporter 1997-2004/Mar 03  
(c) 2004 The Dialog Corp.

File 148:Gale Group Trade & Industry DB 1976-2004/Mar 03  
(c) 2004 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2004/Mar 03  
(c) 2004 The Gale Group

File 476:Financial Times Fulltext 1982-2004/Mar 03  
(c) 2004 Financial Times Ltd

File 610:Business Wire 1999-2004/Mar 03  
(c) 2004 Business Wire.

File 613:PR Newswire 1999-2004/Mar 03  
(c) 2004 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 02  
(c) 2004 The Gale Group

File 624:McGraw-Hill Publications 1985-2004/Mar 01  
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(c) 2004 San Jose Mercury News

File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 03

*Inventor  
Search*

(c) 2004 The Gale Group  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 13:BAMP 2004/Feb W4  
 (c) 2004 Resp. DB Svcs.  
 File 75:TGG Management Contents(R) 86-2004/Feb W4  
 (c) 2004 The Gale Group  
 File 47:Gale Group Magazine DB(TM) 1959-2004/Mar 03  
 (c) 2004 The Gale group  
 File 141:Readers Guide 1983-2004/Jan  
 (c) 2004 The HW Wilson Co  
 File 347:JAPIO Oct 1976-2003/Oct (Updated 040202)  
 (c) 2004 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2004/UD,UM &UP=200415  
 (c) 2004 Thomson Derwent  
 File 371:French Patents 1961-2002/BOPI 200209.  
 (c) 2002 INPI. All rts. reserv.  
 File 348:EUROPEAN PATENTS 1978-2004/Feb W04  
 (c) 2004 European Patent Office  
 File 349:PCT FULLTEXT 1979-2002/UB=20040226, UT=20040219  
 (c) 2004 WIPO/Univentio

Set	Items	Description
S1	30	AU='ONG P'
S2	14	AU='ONG PING WEN':AU='ONG PING-WEN'
S3	41	AU='ONG, P.'
S4	1	AU='ONG, P. W.'
S5	3	AU='ONG, P.W.'
S6	3	AU='ONG, PING-WEN':AU='ONG, PING-WEN, 1962-'
S7	92	S1 OR S2 OR S3 OR S4 OR S5 OR S6
S8	35	S7 FROM 347, 350, 371, 348, 349
S9	115304	(TIME OR MINUTE? ? OR DAY? ? OR HOUR? ? OR DATE? ?) () (STAMP? ? OR INDICAT??? OR CODE? ? OR IDENTIF??? OR SIGNAL??? OR MARKER? ? OR IMPRINT??? OR CIPHER? ? OR LABEL??? OR IDENTIF??? OR CODING? ?) OR TIMESTAMP? ?
S10	14	S8 AND S9
S11	350941	IC=(G06F-007? OR G06F-017?)
S12	10	S10 AND S11
S13	10	IDPAT (sorted in duplicate/non-duplicate order)
S14	5	IDPAT (primary/non-duplicate records only)
S15	57	S7 NOT S8
S16	0	S9 AND S15
S17	3303	(PERSISTENT OR PERMANENT OR DURABLE OR LAST??? OR CONSTANT OR PERPETUAL OR ENDURING OR PERSEVER?) () (URL OR UNIFORM() RESOURCE OR DNS OR DOMAIN()NAME() SERVER OR WEB() ADDRESS) OR PURL - OR PDNS
S18	128	S9 AND S17
S20	3894776	VERSIONS OR EDITIONS OR ITERATIONS OR RELEASES OR REVISIONS OR VARIANTS OR VARIATIONS
S21	267865	S20(5N) (PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR NUMEROUS OR MANY OR MYRIAD OR NUMBER)
S22	0	S15 AND S9
S23	0	S15 AND S17
S24	0	S15 AND S21

14/3,K/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014311550  
WPI Acc No: 2002-132252/200218  
XRPX Acc No: N02-099774

Persistent Internet resource access for historical research archive service, using URL including a time - stamp indicated by associated request header and redirect URL to obtain document from identified archive server

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: ONG P

Number of Countries: 029 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1160692	A2	20011205	EP 2001304491	A	20010522	200218 B
AU 200146223	A	20011206	AU 200146223	A	20010523	200218
CA 2342558	A1	20011130	CA 2342558	A	20010330	200218
JP 2002055869	A	20020220	JP 2001161581	A	20010530	200219

Priority Applications (No Type Date): US 2000580149 A 20000530

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1160692	A2	E	18	G06F-017/30	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR
AU 200146223	A			G06F-017/30	
CA 2342558	A1	E		G06F-017/30	
JP 2002055869	A		13	G06F-012/00	

Persistent Internet resource access for historical research archive service, using URL including a time - stamp indicated by associated request header and redirect URL to obtain document from identified archive server

Inventor: ONG P

Abstract (Basic):

... received from a browser, where the Uniform Resource Locator (URL) address identifying an electronic document includes a **time - stamp**, which is indicated by an associated request header. A redirect URL is transmitted, where the transmitted network...  
... combined with URL redirect techniques to create an Internet archive service to make the Internet persistent. The **time - stamp** can be specified in the URL in any suitable format and ensures that a time-stamped reference...  
...International Patent Class (Main): G06F-017/30  
...International Patent Class (Additional): G06F-017/60

14/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013196212 \*\*Image available\*\*  
WPI Acc No: 2000-368085/200032  
XRPX Acc No: N00-275525

Method for providing electronic document having multiple versions each of which is fitted with time stamp by receiving request for one of versions of electronic document that may include relative time stamp

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: ONG P

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1006466	A2	20000607	EP 99309331	A	19991123	200032 B
JP 2000194642	A	20000714	JP 99341723	A	19991201	200039
US 20020156800	A1	20021024	US 98201750	A	19981201	200273

Priority Applications (No Type Date): US 98201750 A 19981201; US 200299121 A 20020315

## Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1006466 A2 E 12 G06F-017/30

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 2000194642 A 10 G06F-013/00

US 20020156800 A1 G06F-012/00 Cont of application US 98201750

**Method for providing electronic document having multiple versions each of which is fitted with time stamp by receiving request for one of versions of electronic document that may include relative time stamp**

Inventor: ONG P

## Abstract (Basic):

... receiving a request for one of versions of an electronic document. The request may include a relative time stamp for indicating a time offset from a given time. The version of the electronic document is transmitted, which corresponds to the relative time stamp.

...International Patent Class (Main): G06F-017/30

*Smart application*

14/3,K/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013196211 \*\*Image available\*\*

WPI Acc No: 2000-368084/200032

XRPX Acc No: N00-275524

**Electronic document providing having at least one version identified by time stamp by storing electronic document in machine over time period related to time stamp and transmitting document from it as required by function of time stamp**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE ); ONG P (ONGP-I)

Inventor: PING-WEN O; ONG P

Number of Countries: 027 Number of Patents: 003

## Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1006465	A2	20000607	EP 99309330	A	19991123	200032 B
JP 2000194641	A	20000714	JP 99341722	A	19991201	200039
US 20020016789	A1	20020207	US 98201749	A	19981201	200213

Priority Applications (No Type Date): US 98201749 A 19981201

## Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1006465 A2 E 13 G06F-017/30

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 2000194641 A 11 G06F-013/00

US 20020016789 A1 G06F-007/00

**Electronic document providing having at least one version identified by time stamp by storing electronic document in machine over time period related to time stamp and transmitting document from it as required by function of time stamp**

...Inventor: ONG P

## Abstract (Basic):

... A time stamp is received as a request for an electronic document. The latter is stored in the machine over a time period related to the time stamp. The document is transmitted from the machine as required by the function of the time stamp.

International Patent Class (Main): G06F-007/00 ...

14/3,K/4 (Item 4 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013196209 \*\*Image available\*\*  
WPI Acc No: 2000-368082/200032  
XRPX Acc No: N00-275522

Method for providing electronic document for ensuring persistent access to Internet resources by transmitting version of such document stored time-wise in vicinity of time - stamp when version does not exist with requested time - stamp

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: ONG P

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1006463	A2	20000607	EP 99309316	A	19991123	200032 B
JP 2000194644	A	20000714	JP 99341725	A	19991201	200039

Priority Applications (No Type Date): US 98201751 A 19981201

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1006463 A2 E 12 G06F-017/30

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 2000194644 A 11 G06F-013/00

... persistent access to Internet resources by transmitting version of such document stored time-wise in vicinity of time - stamp when version does not exist with requested time - stamp

Inventor: ONG P

Abstract (Basic):

... a request for one of versions of the electronic document. The request includes an indication of the time - stamp . A version of the electronic document stored time-wise in the vicinity of the requested time - stamp is transmitted when a version of the electronic document does not exist with the requested time - stamp .

...International Patent Class (Main): G06F-017/30

14/3,K/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013196208 \*\*Image available\*\*

WPI Acc No: 2000-368081/200032

XRPX Acc No: N00-275521

Method for persistent storage of electronic document by modifying requested version of electronic document to update embedded to incorporate time - stamp of requested version of electronic document and transmitting it to client

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: ONG P

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1006462	A2	20000607	EP 99309298	A	19991123	200032 B
JP 2000194643	A	20000714	JP 99341724	A	19991201	200039

Priority Applications (No Type Date): US 98201752 A 19981201

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1006462 A2 E 12 G06F-017/30

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI  
JP 2000194643 A 10 G06F-013/00

... persistent storage of electronic document by modifying requested version of electronic document to update embedded to incorporate time - stamp of requested version of electronic document and transmitting it to client

Inventor: ONG P

Abstract (Basic):

... request may be received for one of the versions of the electronic document. The request includes a **time - stamp** . The requested version of the electronic document is modified to update embedded hyperlinks in the requested version of the electronic document to incorporate the **time - stamp** of the requested version of the electronic document. The requested electronic document is transmitted to a client.

... The **time stamp** can be specified in the URL in any suitable format. Allows a user to refer to any...

...International Patent Class (Main): G06F-017/30